

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014380.D
 Acq On : 31 Dec 2019 15:17
 Operator : JC/SP
 Sample : VX1231MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1231MBSD01

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:23 AM

Quant Time: Jan 01 04:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	728143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	649376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	265795	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.49	113	220905	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	854985	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	304579	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	66230	15.895	ug/l	98
3) Chloromethane	1.32	50	95660	17.108	ug/l	100
4) Vinyl Chloride	1.40	62	103554	17.551	ug/l	99
5) Bromomethane	1.63	94	60565	14.463	ug/l	98
6) Chloroethane	1.72	64	70566	19.378	ug/l	95
7) Trichlorofluoromethane	1.92	101	134560	18.423	ug/l	100
8) Diethyl Ether	2.18	74	66449	19.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81863	18.593	ug/l	99
10) Methyl Iodide	2.50	142	86582	16.751	ug/l	99
11) Tert butyl alcohol	3.03	59	118934	104.277	ug/l	97
12) 1,1-Dichloroethene	2.37	96	83403	18.616	ug/l	99
13) Acrolein	2.28	56	56361	86.325	ug/l	100
14) Allyl chloride	2.72	41	154481	19.312	ug/l	99
15) Acrylonitrile	3.13	53	277527	104.250	ug/l	99
16) Acetone	2.43	43	297250	86.741	ug/l	97
17) Carbon Disulfide	2.56	76	189011	15.719	ug/l	99
18) Methyl Acetate	2.76	43	141254	20.802	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	296128	20.115	ug/l	99
20) Methylene Chloride	2.85	84	102459	18.987	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88872	18.006	ug/l	100
22) Diisopropyl ether	3.84	45	330888	20.758	ug/l	96
23) Vinyl Acetate	3.80	43	1299233	99.879	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169720	19.138	ug/l	98
25) 2-Butanone	4.66	43	411460	97.389	ug/l	97
26) 2,2-Dichloropropane	4.57	77	125553	18.234	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	106147	19.016	ug/l	99
28) Bromochloromethane	5.00	49	75787	22.473	ug/l	95
29) Tetrahydrofuran	5.12	42	243156	102.897	ug/l	99
30) Chloroform	5.20	83	167736	19.952	ug/l	100
31) Cyclohexane	5.58	56	145596	18.459	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	136830	19.097	ug/l	100
36) 1,1-Dichloropropene	5.79	75	120688	18.064	ug/l	98
37) Ethyl Acetate	4.82	43	148990	20.194	ug/l	99
38) Carbon Tetrachloride	5.78	117	112225	18.439	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143796	17.431	ug/l	99
40) Benzene	6.14	78	383760	18.668	ug/l	99
41) Methacrylonitrile	5.03	41	80888	19.760	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133905	19.216	ug/l	99
43) Isopropyl Acetate	6.43	43	244378	20.015	ug/l	99
44) Trichloroethene	7.21	130	104509	18.406	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103718	19.685	ug/l	94
46) Dibromomethane	7.65	93	65136	18.698	ug/l	99
47) Bromodichloromethane	7.89	83	120219	18.324	ug/l	97
48) Methyl methacrylate	7.76	41	117134	19.591	ug/l	98
49) 1,4-Dioxane	7.73	88	47987	394.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	767500	100.090	ug/l	99
52) Toluene	8.78	92	241296	18.571	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	131097	18.223	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	150283	18.751	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101066	19.407	ug/l	98
56) Ethyl methacrylate	9.17	69	156991	19.191	ug/l	100
57) 1,3-Dichloropropane	9.37	76	171233	19.543	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	314542	101.605	ug/l	100
59) 2-Hexanone	9.48	43	587672	95.203	ug/l	99
60) Dibromochloromethane	9.57	129	97236	18.784	ug/l	97
61) 1,2-Dibromoethane	9.67	107	103350	19.397	ug/l	99
64) Tetrachloroethene	9.33	164	118797	20.674	ug/l	98
65) Chlorobenzene	10.14	112	260886	18.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94346	19.137	ug/l	99
67) Ethyl Benzene	10.25	91	454070	19.128	ug/l	98
68) m/p-Xylenes	10.35	106	339193	37.152	ug/l	98
69) o-Xylene	10.70	106	169935	18.978	ug/l	99
70) Styrene	10.71	104	282043	18.627	ug/l	98
71) Bromoform	10.85	173	72143	18.205	ug/l #	99
73) Isopropylbenzene	11.01	105	445743	19.712	ug/l	100
74) N-amyl acetate	10.89	43	200269	18.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	152231	19.418	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125287m	17.969	ug/l	
77) Bromobenzene	11.25	156	113275	18.207	ug/l	98
78) n-propylbenzene	11.35	91	493172	19.444	ug/l	100
79) 2-Chlorotoluene	11.42	91	301492	19.554	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363131	19.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44587	18.049	ug/l	94
82) 4-Chlorotoluene	11.51	91	342881	19.172	ug/l	98
83) tert-Butylbenzene	11.76	119	346549	18.712	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	367924	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	424626	19.422	ug/l	99
86) p-Isopropyltoluene	12.06	119	386253	19.313	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203747	18.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197898	17.849	ug/l	99
89) n-Butylbenzene	12.39	91	319966	18.750	ug/l	99
90) Hexachloroethane	12.59	117	63141	17.577	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202894	18.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30586	17.630	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132822	18.617	ug/l	98
94) Hexachlorobutadiene	13.78	225	63004	18.375	ug/l	98
95) Naphthalene	13.83	128	417107	19.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135563	19.249	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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